

Re: Questions for Upper Animas data

Sabrina Forrest to: Barry_Hayhurst

06/15/2011 03:24 PM

From: Sabrina Forrest/R8/USEPA/US

To: Barry_Hayhurst@URSCorp.com

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Barry, I thought there were validation reports with what I received under separate cover for the draft ARR; however, I sent everything back for the ARR revision. I believe ESAT knows to submit CLP-like data packages so that we have the backup information necessary for HRS packages.

I need to send CSC electronic copies of all raw data and the validation reports just as soon as possible to help identify any major issues we may have. They would be better suited to answer your questions below, but I will forward the message below to Katharine Lima for her initial thoughts.

Sincerely,

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Barry_Hayhurst---06/15/2011 01:47:37 PM---Delving into the data for the Upper Animas project I have determined that: The sediment data

From: Barry_Hayhurst@URSCorp.com
To: Sabrina Forrest/R8/USEPA/US@EPA
Date: 06/15/2011 01:47 PM
Subject: Questions for Upper Animas data

Delving into the data for the Upper Animas project I have determined that:

The sediment data was done by CLP and validated normally (i.e. a hard copy validation report and standard Form Is-----all good for references for the HRS package---no problems.

The **surface water** samples were done by ESAT (EPA Region 8 lab). Some analytes within an individual sample were done by Method 200.7 (Atomic Adsorption) and other analytes within the sample were done by Method 200.8 (Mass Spec).. The atomic adsorption analytes were not diluted, however many of the mass spec analyses were diluted 5X..

Question 1. Does this use of two methods and resulting two different dilutions on the same sample require any special handling and reporting to be included in the HRS document record?

The surface water data was validated electronically. All I have is a database with qualifiers. There does not appear to be a written validation report. The database does not distinguish between laboratory qualifiers and validator's qualifiers. The qualifiers are just in the database.

Question 2. Will this level of detail be sufficient for the HRS document record?

Also, I've noticed that Megan did not include a copy of her logbooks with the draft ARR. We will want that later.

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